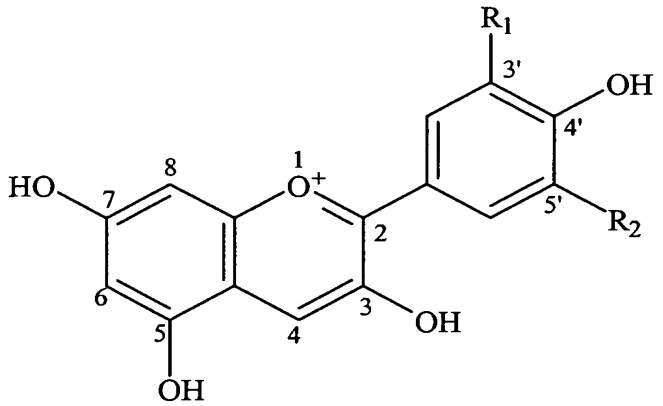
Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (Currently Amended) A ~~plant of the genus~~ *Raphanus sativa* plant, obtainable by screening *Raphanus sativa* plants for their ability to produce sprouts with at least some purple coloring, characterized in that the selected sprout ~~whereby the plant, upon growth of its germinated seed in a medium that comprises water, at a temperature of 10-35°C under high humidity and under a daily cycle of light, produces a sprout that~~ comprises anthocyanins at a level of at least ~~100~~ 800 nmol per gram fresh weight of sprout, whereby the majority of said anthocyanins have an anthocyanidin moiety that has the structure of Formula 1,



(1)

wherein R_1 is OH or OCH_3 and wherein R_2 is H, OH, or OCH_3.

2. (Original) The plant of claim 1, wherein the anthocyanins have an absorbance maximum in the range of 515-550 nm.

Claim 3. (Canceled)

4. (Currently Amended) ~~A~~ The plant according to claim ~~3~~1 or 2, wherein the plant is obtained through breeding and selection from the *Raphanus sativa* lines CGN 6924, CGN 7240, ATCC No. PTA-3630, or combinations thereof.

5. (Currently Amended) A sprout obtained from a plant according to claim 1~~, wherein the plant is a sprout~~.

6. (Currently Amended) ~~A plant~~The sprout according to claim ~~3~~5, wherein the ~~plant is a~~ sprout is prior to the two-leafed stage.

7. (Original) A container containing a plurality of sprouts according to claim 5.

8. (Currently Amended) ~~A plant~~The sprout according to claim ~~1~~5, wherein the plant is a plantlet that has at least two ~~leaves~~ cotyledons and a height of less than 20 cm.

9. (Currently Amended) ~~A plant~~The sprout according to claim ~~1~~5, wherein the ~~plant~~ sprout is a plantlet that has two ~~leaves~~cotyledons.

10. (Original) A container containing a plurality of plantlets as defined in claims 8 or 9.

11. (Currently Amended) ~~A~~ The container according to claim 10, wherein the container contains at least 3 plantlets per cm^2.

12. (Currently Amended) Material from ~~a~~ the plant according to claim 1, wherein the material is a root, a stem, a stalk, a leaf, a petal, a ~~siliqua~~silique, a seed, a turnip, pollen, meristem, callus, a sepal, a flower, a cell, tissue or a combination thereof.

13. (Currently Amended) ~~A~~ The method for producing a sprout as defined in claim 5, wherein the method comprises:

(a) germinating seed of a *Raphanus sativa* plant, in a medium comprising water and at a temperature of 10-35° C, under high humidity, optionally in a container, wherein the *Raphanus sativa* plant is as defined in ~~any one of claims~~ claim 1~~, 2, 3 or 4~~;

(b) growing the germinated seeds obtained in (a) on a non-nutritive solid support soaked in a medium comprising water, at a temperature of 10-35°C, under high humidity and under a daily cycle of light, until a sprout of a desired developmental stage is obtained.

14. (Currently Amended) ~~A~~ The method for according to claim 13, wherein the seeds are germinated in (a) in a rotating drum or container while spraying the seed with water

at least once, and optionally with the addition of light, and wherein the germinated seeds obtained in (a) are grown under the conditions defined in (b) for at least 48 hours.

15. (Currently Amended) ~~A~~ The method according to claim 13, wherein in (a) the seeds are germinated on the non-nutritive solid support at a density of 3-12 seeds per cm^2, and wherein in (b) the germinated seeds obtained in (a) are grown into plantlets having at least two ~~leaves~~cotyledons; and wherein an optional step (c) provides that further growth of the plantlets is arrested by cooling to a temperature between 1 and 6°C.

16. (Currently Amended) A method for producing anthocyanin, wherein the method comprises the steps of:

(a) growing a *Raphanus sativa* plant as defined in any one of claims 1, 2, ~~3,~~ or 4;

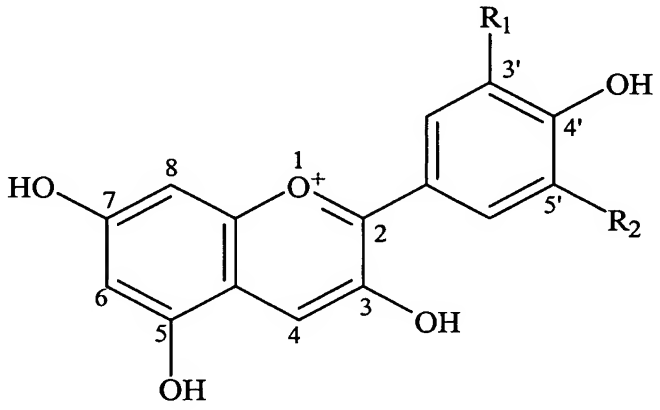
(b) harvesting the *Raphanus sativa* plant or a part thereof;

(c) recovery of the anthocyanins in the plant or part thereof; and

(d) optionally, purifying the anthocyanins.

17. (Currently Amended) A plant of the genus *Raphanus sativa*, whereby the plant upon germination produces a sprout that comprises anthocyanins at a level of at least ~~100~~ 800 nmol per gram fresh weight of sprout, and whereby the plant is of the species *Raphanus sativa* and is obtained

through breeding and selection from the *Raphanus sativa* lines CGN 6924, CGN 7240, ATCC No. PTA-3630 or combinations thereof, whereby the majority of said anthocyanins have an anthocyanidin moiety that has the structure of Formula 1,



(1)

wherein R_1 is OH or OCH_3 and wherein R_2 is H, OH, or OCH_3.